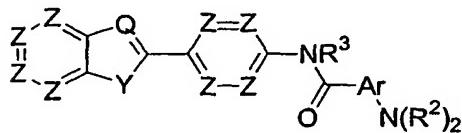


WHAT IS CLAIMED IS:

1 [0132]

1 1. A compound according to the formula



3 and the pharmaceutically acceptable salts thereof,

4 wherein

5 each Z is independently N or C(R<sup>1</sup>), with the proviso that no more than 2 Z's in any one  
6 aromatic ring are N;

7 Y is O, N, or S;

8 Q is N or C(R<sup>1</sup>), with the proviso that Q is C(R<sup>1</sup>) when Y is N;

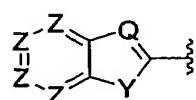
9 Ar is an unsubstituted or substituted aromatic or heteroaromatic 5- or 6-member ring;

10 each R<sup>1</sup> is independently H, halogen, OH, or a C<sub>1</sub> to C<sub>12</sub> alkyl heteroalkyl moiety;11 each R<sup>2</sup> is independently H or a C<sub>1</sub> to C<sub>18</sub> alkyl or heteroalkyl moiety or the two R<sup>2</sup>'s taken  
12 together with the nitrogen atom to which they are attached form a substituted or  
13 unsubstituted heteroalkyl 5 to 7 member ring;

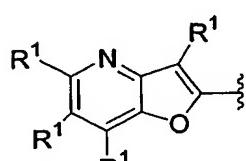
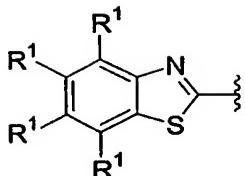
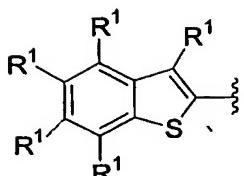
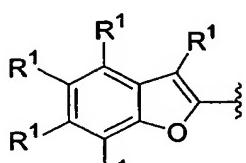
14 and

15 R<sup>3</sup> is H or a C<sub>1</sub> to C<sub>6</sub> alkyl moiety;16 with the proviso that at least one group R<sup>1</sup>, R<sup>2</sup>, or R<sup>3</sup> contains an alkyl amine group or a  
17 quaternary nitrogen group.1 2. A compound according to claim 1, wherein at least one group R<sup>2</sup>  
2 contains an alkyl amine group.

1 3. A compound according to claim 1 or 2, wherein



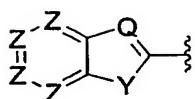
3 is selected from the group consisting of



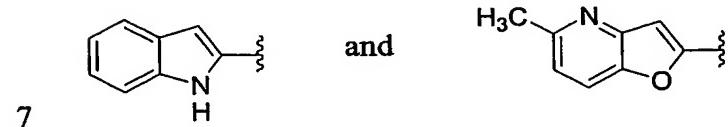
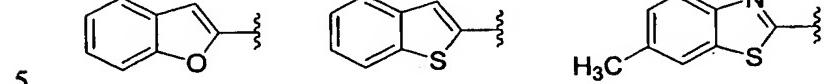
and

7                   wherein R<sup>1</sup> is H or CH<sub>3</sub>.

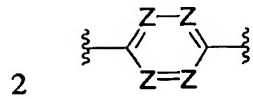
1                  4.       A compound according to claim 1 or 2, wherein



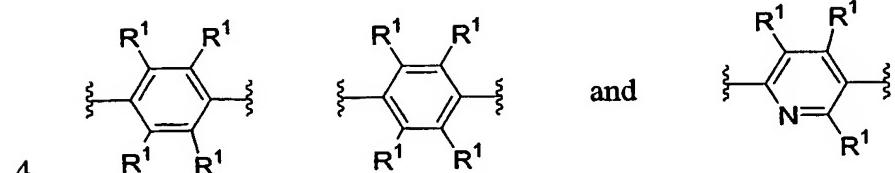
3                  is selected from the group consisting of



1                  5.       A compound according to claim 1 or 2, wherein

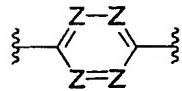


3                  is selected from the group consisting of

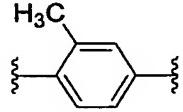
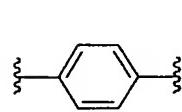


5                  wherein R<sup>1</sup> is H or CH<sub>3</sub>.

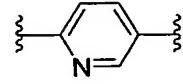
1                   6. A compound according to claim 1 or 2, wherein



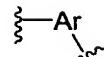
3 is selected from the group consisting of



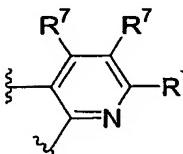
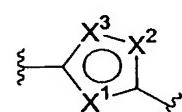
and



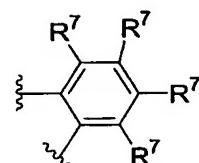
1                   7. A compound according to claim 1 or 2, wherein



3 is selected from the group consisting of

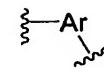


and

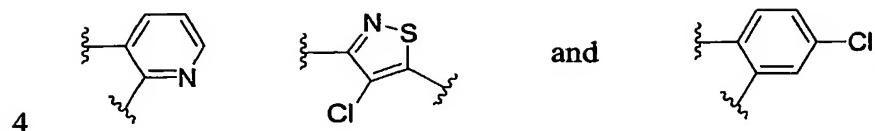


5                   wherein one of X<sup>1</sup>, X<sup>2</sup>, and X<sup>3</sup> is a ring vertex selected from the group consisting of -O-,  
6                   -S-, and -NR<sup>8</sup>-, and the other two of X<sup>1</sup>, X<sup>2</sup>, and X<sup>3</sup> are ring vertices selected from the  
7                   group consisting of =N- and =CR<sup>7</sup>-; each R<sup>7</sup> is independently H, F, Cl, Br, I, CN, OH,  
8                   NO<sub>2</sub>, NH<sub>2</sub>, a substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>)alkyl group, a substituted or  
9                   unsubstituted (C<sub>1</sub>-C<sub>12</sub>)alkoxy group, or a substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>)heteroalkyl  
10                  group; and R<sup>8</sup> is H, a substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>)alkyl group, or a substituted or  
11                  unsubstituted (C<sub>1</sub>-C<sub>12</sub>)heteroalkyl group.

1                   8. A compound according to claim 1 or 2, wherein

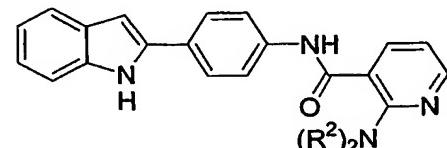
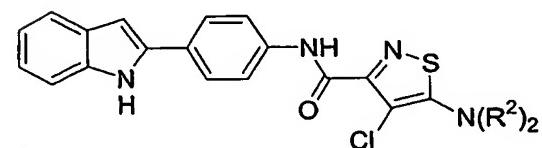
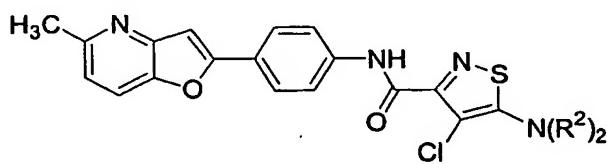
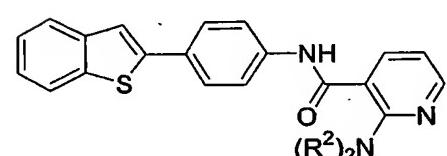
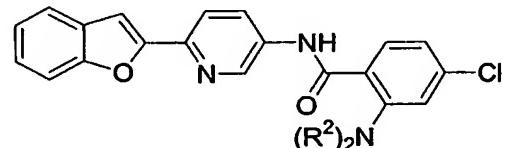
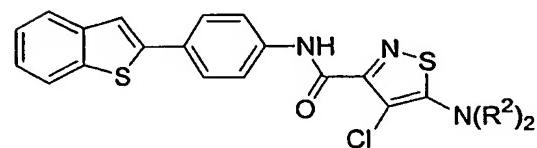
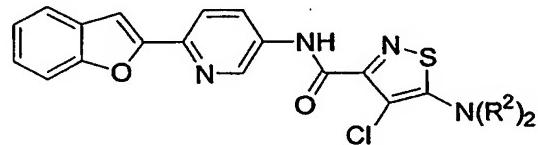
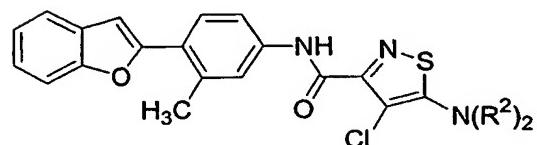
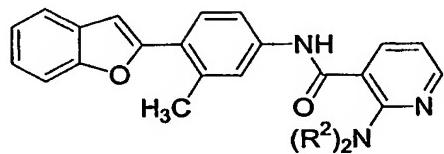
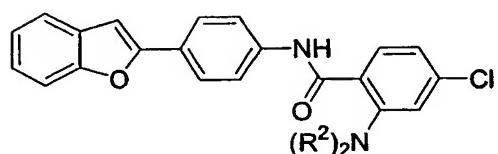
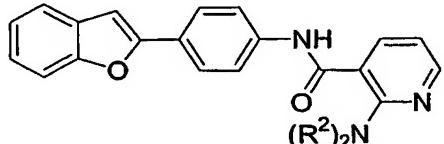
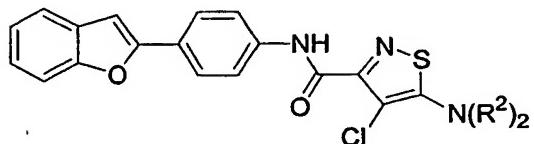


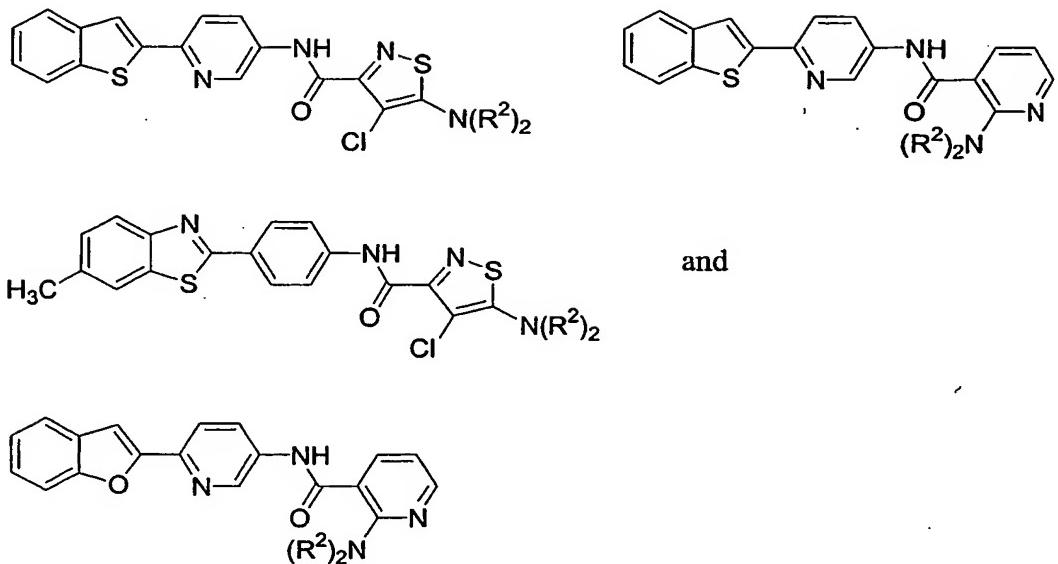
3 is selected from the group consisting of



1           9.       A compound according to claim 1 or 2, wherein R<sup>3</sup> is H.

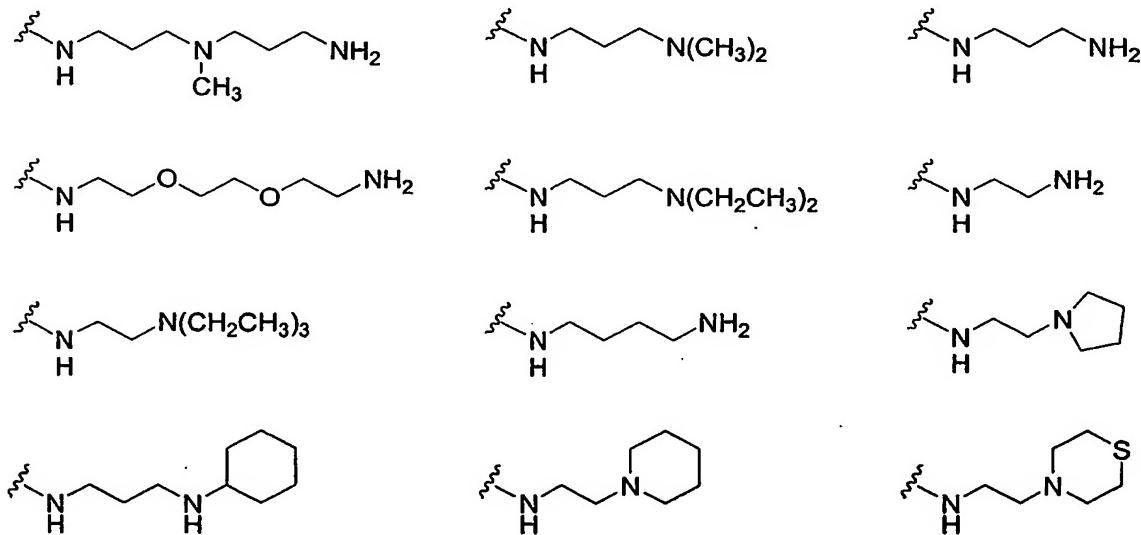
2           10.      A compound according to a formula selected from the group  
3        consisting of

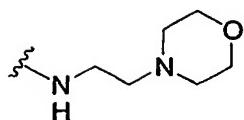
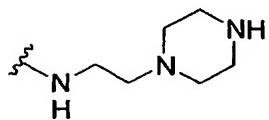
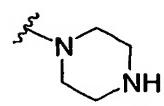
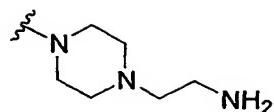
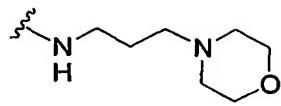




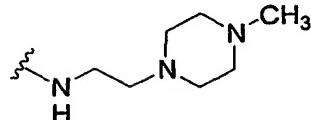
- 4 and the pharmaceutically acceptable salts thereof,  
 5 wherein each R<sup>2</sup> is independently H or a C<sub>1</sub> to C<sub>18</sub> alkyl or heteroalkyl moiety or the two  
 6 R<sup>2</sup>'s taken together with the nitrogen atom to which they are attached form a substituted  
 7 or unsubstituted heteroalkyl 5 to 7 member ring; at least one group R<sup>2</sup> containing an alkyl  
 8 amine group.

11. A compound according to claim 1, 2 or 10, wherein N(R<sup>2</sup>)<sub>2</sub> is  
 selected from the group consisting of





and



1           12. A compound according to claim 1, having a minimum inhibitory  
2 concentration of 4 µg/mL or less against at least one of *Staphylococcus aureus* (ATCC  
3 27660), *Streptococcus pneumoniae* (ATCC 51422), and *Enterococcus faecium* (ATCC  
4 51559).

1           13. A method of treating a bacterial infection in a mammal, comprising  
2 administering to a patient in need of such treatment an effective amount of a compound  
3 according to claim 1, 2, or 10.

1           14. A method according to claim 13, wherein the bacterial infection is  
2 an infection by drug resistant bacteria.

1           15. A method according to claim 14, wherein the drug resistant  
2 bacteria is MRSA, PRSP, or VRE.

1           16. The use of a compound according to claim 1, 2, or 8 for the  
2 preparation of a medicament for the treatment of a bacterial infection in a mammal.